

Variations in the Depth of Sleep and the
Restoration Equivalent, 2nd Report, Depth of
Sleep and Alertability, by Eugen WEISS and
Wolfgang, 30 pp.

GERMAN, ger, Klinische Wochenschrift, Vol XXIV,
No 16, 1957, pp 705-714.

RIH 12-9-57

Ref - Med

186, 033

Feb 62

Electron Microscopic Detection of Viruses in
Human Papillomas of the Larynx, by H. Meessen,
H. Schulz, 3 pp.

GERMAN, per, Klin Wochenschrift, Vol XXXV, No 15,
1957, pp 771-773.

NIE 11-29

Sci - Medicine
Dec 59

102,631

On the Clotting Action and Intravenous Use of
Lyophilized Human Thrombocytes, by Rudolf Gross,
Gerhard Schwick, 23 pp.

GERMAN, per, Klin Woch, Vol XXXV, No 16, 15 Aug
1957, pp 814-819.

WIR 5-17

Sci - Med

Jun 59

88,230

The Formation of Biologically Active Substances
in the Blood Upon Experimental Sensitization
(Model Experiment on the Origin of Tissue Damage
in Rheumatic Fever), by F. Kuster, F. J.
Schulte, 10 pp.

GERMAN, per, Klin Wochenschrift, Vol XXIV, No 17,
1957, pp 886-888.

NIH 11-33

Sci - Medicine
Dec 59

102,627

Electron Microscopic Observations on Liver Cells
in Serum Hepatitis and Epidemic Hepatitis, by
H. Braunstainer, K. Fellingner, F. Faktsch, J.
Boydach, 12 pp.

GERMAN, per, Klin Wschr, Vol XXV, 1957, pp
901-905.

NIH 7-18

Sci - Med

Sep 58

73,329

Establishment of a Cancer Chemotherapy on the
Basis of a Primary Inhibition of Glucose
Phosphorylation, by Dean Burk, 8 pp.

GERMAN, per, Klinische Wochenschrift, Vol XXXV,
No 22, 1957, pp 1102-1105.

NIH 12-4-61

Sci - Med

186,628

IX Feb 62

Investigation with ~~131~~ ¹³¹I-tagged Albumin on
Exchange Processes Between Plasma and Cerebrospinal
Fluid, by E. Wrick, L. Scheid-Seydel, 12 pp.

GERMAN, per, Klin Wschr, Vol XXXVI, 1958, pp 66-69.

NIH 9-15

Sci - Med
8ap 59

97,395

Electron Microscopic Investigations of the
Structure of Intercellular Melanin in Cases
of Melanocyloma, by E. Braunsteiner, F.
Mlesoch, F. Pakesch, 4 pp.

GERMAN, per, Klinische Wochenschrift,
Vol XLXVI, No 6, 15 Mar 1958, pp 262-263.

NIH 3-36-60

Sci - Med

May 60

// 7, 328

5

Additional Electron-Microscopic Observations
in Virus Hepatitides, by H. Braunsteiner,
K. Fellinger.

GERMAN, per, Klinische Wochenschr, Vol XXVI,
No 8, pp 379-383, 1958.

BOOK MH 9-19-62

Sci - Med

Due 62

218,873

The Importance of the Properdin System for the
Normal and Increased Decomposition of Blood
Cells, by H. W. Fritzsche Fisher, H. Argenton,
31 pp.

GERMAN, per, Klin Wochr, Vol XXXVI, 1958, pp 411-
417.

NIE 11-1

Sci - Biology
Dec 58

77,344

Gross, Rudolf.

COMPARISON OF THE ACTIVITIES OF HYDRO-CORTISONE AND ESTERS OF PREDNISONE AND PREDNISOLONE FOR INTRAVENOUS USE (Vergleich Zwischen Hydrocortison und Verschiedenen Intravenös Anwendbaren Estern des Prednisons und Prednisolons). [1962] 8p. (figs. omitted) 4 refs.
Order from SLA \$1.10

63-10385

Trans. of Klin[ische] Wochenschr[ift] (West Germany) 1958, v. 36, no. 10, p. 460-462.

DESCRIPTORS: Esters, *Corticosteroid agents, Drugs, Intravenous injections, Eosinophils, Blood counts, Metabolism, Hormones, *Prednisolone, *Prednisone.

With the use of a standardized technique (intravenous infusion of 40 mg in 500 cc saline solution for 2 hours), the effects of free hydrocortisone, hydrocortisone-21 - (Biological Sciences--Pharmacology, TT, v. 10, no. 2)
(over)

63-10385

I. Gross, R.

Office of Technical Services

Tricresylphosphate Poisoning - Experimental Study
Of Etiological and Pathogenetic Problems (Extracts
Only). by D. Henschler.

GERMAN, per, Klinische Wochenschrift, Vol XXXVI,
No 14, 1958, pp 663-774.

CSIRO

Oct. 62

Mechanism of Action . . . of B 518 (Endoxanate)
on the Jensen Sarcoma and Inhibition of Chemo-
therapy of Tumors by the Vitamin Nicotinic Acid
Amide, by Holzer, Helmut, Kroger, Hans, 7 pp.

GERMAN, Per Klin Wochenschrift (Germany) 1958,
Vol XXXVI, No 14, pp 677-678.

SLA 59-15494

Sci
Oct 59
Vol 2, No 3

79,858

Complement-Fixing Antibodies in Infectious
Mononucleosis, (Pfeiffer's Glandular Fever),
by F. Muller, 7 pp.

GERMAN, per, Klin Wochr, Vol XXVI, 1958,
pp. 685, 686.

MMH 12-13

Sci - Med.

Feb 59

80,480

Renin and ^YHypertensin, Physiological or Pathological
Substances?, by P. Gross, 56 pp.

GERMAN, Per, Klin Wochenschrift, 1958, Vol XXVI,
No 15, pp 693-706.

SLA 59-15688

Sol
Oct 59
Vol 2, No 3

99,862

On the Combination of Normal Serum and of Serum
of Allergic Patients With Histamine, by Kurt,
Wallenfels, Lothar Kerp, Horst Gunda, 3 pp.

GERMAN, par, Klin Wochenschr, Vol XXIV, Aug 1958,
pp 777-773.

2

WIK 3-49

Sci - Med

Apr 59

85,419

Studies on the Effect of Synthetic Hypertensin II on
Electrolyte Metabolism, Renal Function and Circulation in
Man, by K. D. Bock, H. Dengler, et al, 20 pp.

GERMAN, per, Klin Wochenschrift, Vol XXXVI, No 17,
1958, pp 808-814.

BIA 59-10456

Sci - Med

Sep 59

Vol 2, No 1

97,230

On "Collagen Inclusions" in Decidual Cells,
by H. Hamperl, 4 pp.

GERMAN, per, Klinische Wochenschrift,
Vol XLXVI, No 15, 15 Oct 1958, pp 939, 940.

NIH 3-20-60

Sci - Med

May 60

117,307

Investigations on the Prealbumin in Human Serum. First Report. Procedural Data on the Paper-Electrophoretic Detection of Prealbumin on Filter Paper. Quantitative Changes of the Prealbumin, by F. W. Aly, K. H. Niedrachallmann, 22 pp.

GERMANY, per, Klin Wochenschrift, Vol XXVI, 1958, pp 954-959.

NIH 1-3-60

Sci - Med

107,522

Jan 60

New Potent Analgesics and Their Clinical Investigation,
by Georg Brosig, 17 pp.

GERMAN, per, Klinische Wochenschrift, Vol XXVI, No 20,
1958, pp 960-963.

SIA 60-10745

Sci -
Jun 60
Vol XIX, No 5

119,091

Circulatory Studies With Synthetic Hypertensin II,
by E. F. Geismeyer, H. Spitzbarth, H. Heyland,
17 pp.

GERMAN, per, Klinische Wochenschrift, Vol XXXVI,
15 Nov 1958, pp 1061-1066.

WH 2-38-60

Sci - Med

115,029

Apr 60

THE NUMBER OF CHROMOSOMES OF ERYTHROBLASTS,
BY M. WEICKER, K. H. TERMEY, 15 PP.

GERMAN, PER, KLIN WOHENSCHRIFT, VOL XXXVI,
NO 23, DEC 1, 1958, PP 1131-1138. 9082376

AEC TR-11782

SCI - MED

NOV 61

173,200

Aldosterone, Glomerular Filtrate and Sodium
Retention, by E. Buchborn, Kh. R. Koczorok,
H. P. Wolff, 22 pp.

GERMAN, Par, Klin Wochenschrift (Germany), 1969
Vol. XXXVII, No 2, pp 71-76.

SLA 59-15337

Sci
Oct 59
Vol 2, NO 3

99,842

Vitamin-B₆ Deficiency and the Urinary Excretion
of Xanthurenic Acid and Other Tryptophan
Metabolites in Sick Persons. Third Report.
The Conversion of Tryptophan Into Nicotinic
Acid in States of Vitamin-B₆ Deficiency, by
B. Gassemann, A. Enapp, 20 pp.

GERMAN, per, Klinische Wochenschrift,
Vol. XXXVII, No 4, 1959, pp 189-193.

NIH 3-21-60

Sci - Med
May 60

117, 309

On the Endocrinology of the Distal Nephron.
First Report. Clinical Differentiation and
Measurement of Phases I, II and III of the
Concentration of Urine, by K. Euehorn, H.
Ziel, S. Annatasakis, 28 pp.

GERMAN, per, Klinische Wochenschrift, Vol
XXXVII, No 7, 1959, pp 347-355.

WII 3-38-60

Sci - Med

May 60

117, 323

Experimental-Clinical Studies on Hydrochlorothiazide
(Esidrix) a New Sulfonamide With Diuretic Action, by
R. Richterich, 42 pp.

GERMAN, per, Klin Wochenschrift, Vol XXXVII, No 7,
1959, p 355-355.

SLA 59-15689

Sci - Med
Sep 59
Vol 2, No 2

97957

61-25013

Catsch, A.
THE EFFECT OF CERTAIN CHELATING AGENTS
UPON THE ACUTE TOXICITY OF URANYL NITRATE.
[1961] 9p. 24 refs.
Order from RIS \$15.00 RIS G-267

Trans. of Klin[ische] W[ochen]schri[ft] (Germany) 1959,
v. 37, p. 657-660.

DESCRIPTORS: *Uranyl radicals, *Nitrates, *Toxicity,
*Chelate compounds, *Therapy.

Mice were injected with various chelating agents after
the animals had previously received injections of uranyl
nitrate, i.p. If the administration takes place relatively
soon (1/2 hour after the uranium salt), the LD₅₀ per
28 days, which was found to be 6.7 U/kg for the un-
treated animals, was increased to 12.4 by ethylene
diaminetetraacetic acid and to 16.2 by diethylenetri-
aminepentaacetic acid. The effectiveness is strongly
dependent upon the time of injection and dose of the
chelating agent. Other polyamino-acids studied were
found to be ineffective. (Author)

I. Catsch, A.
II. RIS G-267
III. Research Information
Service, New York

180605

Office of Technical Services
(Biological Sciences--
Toxicology, TT, v. 6, no. 5)

New Clinical Method for Measuring Electro-
chemically the Oxygen Dissolved and Fixed in
Blood, by K. Damaschke, E. Saling.

GERMAN, per, Klin Wochenschrift,
Vol XXVII, No 15, 1959, pp 826-828.

CSIRO 5398

Sci - Med, Chem
Jul 62

207,614

Chronic Hyperosmolarity Accompanying Brain
Edema, Based on a Case of Cyclopean Ventricle,
by W. Drossé, Helga Stolley, et al.

GERMAN, per, Klinische Wochenschrift, Vol XXVII,
No 17, 1959, pp 918-926.

NIE 2-23-63

Sci - Biol/Med Sci

May 63

231,494

The Action of Synthetic Hypertension on Ventricular and Atrial Muscles of Cats, by G. Kuschinsky, H. Lullmann, 10 pp.

German, per,
Klinische Wochenschrift, Vol. XXXVII, 1 Bay
1959, pp 928-930.

NIH 1-33a-60

Sci - Biol

Mar 60

110,451

was Harnpfn-Counterflow Principle as the Basis
of the Urine Concentration in the Kidney, by H.
K. Kuhn, 30 pp.

GERMAN, per, Klin Wochenschrift, Vol XXXVII,
1959, pp 997-1003.

NIH 1-17-60

Sci - Med

Feb 60

107, 513

Electron-Microscope Studies of the hepatic
Sinusoids in Viral Hepatitis, by Lothar Cossel,
11 pp.

GERMAN, per, Klin Wochenschrift, Vol XXXVII,
No 24, 1959, pp 1263-1278.

NIH 11-8-62

Sci - Med

Jan 63

221,397

Brock, Norbert and Hohorst, Hans-Jürgen.
A CONTRIBUTION TO THE QUESTION OF INJURY
TO BONE MARROW BY CANCEROTOXIC SUB-
STANCES. [1960] 7p. (1 fig. omitted) 19 refs.
Order from SLA m\$1.80, ph\$1.80 61-10338

Trans. of Klop[ach], M[achen]sch[er] (Germany)
1960, v. 38, no. 2, p. 69-71.

146,917

61-10338

1. Bone marrow--Pathology
2. Cytotoxic drugs--
Pathological effects
- I. Brock, N.
- II. Hohorst, H.-J.

Office of Technical Services

(Biological Sciences--Pharmacology, TT, v. 5, no. 5)

Schrader, W., Böhle, E. and others.
 ABOUT THE FATTY ACID CONTENTS OF THE
 SERUM FAT IN THE HEALTHY, IN THE ARTERIO-
 SCLEROTIC AND IN THE DIABETIC (Gaschromato-
 graphische Untersuchungen der Serumfettsäuren des
 Menschen. I. Mitteilung. Über die Fettsäurezusam-
 mensetzung des Serumfettes beim Gesunden, Arterio-
 sklerotiker und Diabetiker). Rept. 2 on Gas Chroma-
 tography [Investigations] of the Serum Fatty Acids of
 Human. [1962] 17p. (figs., tables refs., untrd).
 Order from SVA \$1.60

62-18074

Deutscher Klinische Wochenschrift (Germany) 1960,
 v. 8, 1 Feb, p. 126-134.

DESCRIPTORS: *Fatty acids, Body fats, Serum,
 *Arteriosclerosis, *Diabetes, Blood chemistry, Lipids

(Biological Sciences)-Biochemistry, ET, v. 8, no. 8)
 (over)

62-18074

- I. Schrader, W.
- II. Böhle, E.
- III. Title Gas...

Office of Technical Services

On the Differentiation of Various Antibodies
Against Nuclear and Cytoplasmic Cell Components in
Lupus Erythematosus Disseminatus, by H. Deicher,
5 pp.

GERMAN, per, Klinische Wochenschrift, Vol XXXVIII,
No 3, 1960, pp 104-109.

NIH 3-47-62

199, 720

Sci - Med

Jun 62

Water Metabolism and Regulation of Volume in
Extreme Serum Albumin Deficiency (Analbuminemia),
First Report, Hemodynamic Regulation, by
P. G. Schourlen, D. Klaus, 10 pp.

GERMAN, per, Klinische Wochenschrift, Vol XXXVIII,
No 3, 1960, pp 123-125.

NIH 6-24-61

175,963

Sci - Med

Dec 61

61-20568

Biegler, R., Böhle, H. and others.
A COLUMN-CHROMATOGRAPHY METHOD FOR
DISPLAYING THE UNESTERIFIED FATTY ACIDS
OF THE BLOOD. [1961] 7p. (5 tables omitted) 17 refs.
Order from SLA \$1.10 61-20568

Trans. of Klin[ische] W[ochen]schr[ift] (Germany)
1960, v. 38, no. 11, p. 532-535.

DESCRIPTORS: *Chromatographic analysis, *Fatty
acids, Lipids, Quantitative analysis, Ion exchange,
Chemical analysis metabolism, Blood chemistry.

I. Biegler, R.
II. Böhle, E.

(Biological Sciences--Biochemistry, TT, v.7, no. 4)

Office of Technical Services

The Prevention of the Synthesis of Fatty Acids
and Cholesterol in the Liver by Hile Acids,
by Seitz, Walter and Brand, Vera von, 4 pp.

GERMAN, part, Klinische Wochenschrift,
Vol XXXVIII, No 11, 1960, pp 552.

SLA 60-16918

Sci
Vol IV, No 8
15 May 62

196, 048

61-10240

Karl, H. J.
THE FUNCTION OF THE ADRENAL CORTEX IN
WOMEN WITH HIRSUTISM AND DISTURBANCES OF
THE MENSTRUAL CYCLE. INVESTIGATIONS RE-
GARDING THE QUESTION OF "IDIOPATHIC"
HIRSUTISM (Die Funktion der Nebennierenrinde bei
Frauen mit Hirsutismus und Cyclusstörungen; Unter-
suchungen zur Frage des "Idiopathischen"
Hirsutismus). Aug 60. 22p. 40 refs.
Order from SLA ml\$2.70, ph\$4.80 61-10240

Trans. of Klinische Wochenschrift (Germany) 1960,
v. 38, no. 13, p. 634-640.

1. Adrenal glands--Pathology
2. Reproduction system--
Pathology
3. Title: Hirsutism
1. Karl, H. J.

143, 196

Office of Technical Services

(Biological Sciences--Pathology, TT, v. 5, no. 4)

The Present State of Mast Cell Research (1960),
by G. Niebner, 18 pp.

klinische Wochenschrift
GERMAN, par, Klin Wochenschr, Vol XLVIII, 1960,
pp 673-679, 9201251

AEC-tr-5498

Sci - Chem
Jan 63

22, 839

61-20564

Schrade, W., Böhle, E., and others.
CONTRIBUTIONS TO THE REGULATION OF THE
UNESTERIFIED FATTY ACIDS. Rept. 2 on Gas Chromatographic Investigations of the Serum Fatty Acids of Humans. [1961] 23p. (4 figs. 4 tables omitted) 23 refs.
Order from SLA \$2.60 61-20564

- I. Schrade, W.
- II. Böhle, E.
- III. Title: Gas ...

Trans. of Klin[ische] W[ochen]schr[ift] (Germany) 1960,
v. 38, no. 14, p. 707-716.

DESCRIPTORS: *Fatty acids, *Metabolism, *Chromatographic analysis, *Diabetes, Insulin, Oleic acids, Lipids, Hunger.

(Biological Sciences--Biochemistry, TT, v. 7, no. 4)

Office of Technical Services

Electron Microscopic Demonstration of Unusual Particles
in the Interstitial Cell of the Human Lung, by
Heribert Schulz.

GERMAN, per, Klin Wochenschrift, Vol XXXVIII, No 15,
1960, pp 912-916.

NIE 6-17-63

Sci - Biol/Med Sci

Aug 63

343,541

Water Metabolism and Regulation of Volume in
Extreme Serum Albumin Deficiency (analbuminemia).
Second Report. Renal Water and Electrolyte
Excretion, by P. G. Schleurlen, D. Klaus, 14 pp.

GERMAN, per, Klinische Wochenschrift, Vol XXXVIII,
No 21, 1960, pp 1075-1080.

NIH 6-25-61

175,964

Sci - Med

Sec 61

The Cause of Spontaneous Fibrillations in Denervated
Skeletal Musculature, by H. Lullmann, 4 pp.

GERMAN, per, Klinische Wochenschrift, Vol XXXVIII,
No 22, Nov 15, 1960, pp 1160-1160.

NIH 4-19-61

Sci - Med
Jul 61

158, 332

61-18582

I. Thomas, K.

Thomas, K.
NEW OBSERVATIONS ON HEMATOTROPIC EFFECTS
OF TESTOSTERONE DERIVATIVES (Über Neue
Beobachtungen Hämatotroper Effekte von Testosteron-
Derivaten). May 61, 5p. 18 refs.
Order from SLA \$1.10

61-18582

Trans. of Klinische W(ochen)schr(ift) (Germany) 1961,
v. 39 [no. 1] p. 55-56.

DESCRIPTORS: *Testosterone, *Erythrocytes, Blood
platelets, *Hemopoiesis, *Anemia, *Leukemia,
*Androgens, Therapy.

185151

The testosterone derivative Dianabol (CIBA) was used
effectively in the 4 cases here reported, which involved
leukemia and anemias. Erythropoiesis was stimulated
in all cases, and even this limited experience is con-
sidered to be significant.

Office of Technical Services

(Biological Sciences--Pathology, TT, v. 6, no. 8)

Comparative Determinations of Body
Fluid With N-Acetyl-4-Amino Antipyrine
and Alcohol, by O. Gruener.
GERMAN, per, Klinische Wochenschrift,
Vol 39, 1961, pp 92-97
NTC 72-11711-06E

Government use only
NASA TT 5-11,761

June 72

309,015

Hypereatabolic Hypoproteinemia Accompanying Calcific
Pericarditis and Its Cure Following Surgery, by K. Oeff,
D. Lerche, 6 pp.

GERMAN, per, Klinische Wochenschrift, Vol XXXIX, No 2,
1961, pp 100, 101.

NIH 4-52-61

Sci - Med
Jul 61

158,361

Wetters, K. F. and Werner, H.
ON THE INFLUENCE OF INSULIN AND
GLUCAGON ON THE GLUCOSE METABOLISM OF
THE EPIDIDYMALIC FAT APPENDIX OF RATS IN
VITRO. I. THE INFLUENCE OF INSULIN, AND
THE CONSEQUENT POSSIBILITY OF DETERMI-
NING INSULIN-LIKE ACTIVITY IN HUMAN BLOOD.
[1961] 13p. (3 figs. 2 tables refs. omitted)
Order from SLA \$1.60

61-20582

Trans. of Klin[ische] Wochenschr[ift] (Germany)
1961, v. 39, no. 5, p. 238-243.

DESCRIPTORS: *Fatty acids, *Insulin, *Glucagon,
*Metabolism, Body fat, Tissues (Biology), *Hormones,
*Glucose, Biochemistry, Physiology, Measurement,
Glycogen, Synthesis, Blood chemistry, Endocrine
glands, Secretion.

(Biological Sciences--Physiology, TT, v. 7, no. 4)
(over)

61-20582

I. Wetters, K. F.
II. Werner, H.
III. Title: Influence. . .

Office of Technical Services

61-20581

1. Weingee, K. P.

Weingee, K. P.
THE INFLUENCE OF GLUCAGON AND INSULIN ON
THE METABOLISM OF THE UNESTERIFIED FATTY
ACIDS OF ISOLATED ADIPOSE TISSUE OF RATS
IN VITRO. [1961] 14p. (2 figs. 6 tables 40 refs.
omitted)

Order from SLA \$1.60

61-20581

Trans. of Klin[ische] W[ochen]chr[ift] (Germany)
1961, v. 39, no. 6, p. 293-298.

DESCRIPTORS: *Fatty acids, *Insulin, Glucagon,
Metabolism, Body fat, Tissues (Biology), Hormones,
Glucose, Biochemistry, Physiology, Endocrine glands,
Secretion

The present investigations suggest that glucagon, in
the intact organism has a direct effect on the adipose
tissue. Its physiological importance in metabolism
(Biological Sciences--Physiology, TT, v. 7, no. 4)(over)

Office of Technical Services

THE SUBMICROSCOPIC MORPHOLOGY OF RECIDIVATING
LARYNGEAL PAPILLOMAS, BY HANS TIMMEL, 3 PP.

GERMAN, PER, KLINISCHE WOCHENSCHRIFT, VOL XXXIX,
NO 6, 1961, PP 307-308,

NIH 5-43-62

SCI % BIOL

AUG 62

207, 931

Suchowsky, G. K. and Junkmann, K.
TWO NEW ANABOLICALLY ACTIVE STEROIDS.
[1961] Sp. 4 refs.
Order from SLA \$1.10

61-18642

Trans. of Klinische Wochenschrift (Germany) 1961,
v. 39, no. 7, p. 369-371.

DESCRIPTORS: *Steroids, *Testosterone,
*Androstene, Metabolism.

Among numerous steroids tested by us, 1-methyl- Δ^1 -androstene-17 β -ol-3-one-17 β -acetate proved to possess the most powerful anabolic action, coupled with the least relative androgenic side effects. Its influence on the cycle of normal rat is limited. Its marked superiority to testosterone-17 β -propionate is apparent in chronic poisoning with dihydrotachysterol, where the animals not only retain their body weight, but also appear pro- (Biological Sciences--Pharmacology, TT, v. 6, no. 9) (over)

61-18642

I. Suchowsky, G. K.
II. Junkmann, K.

105464

Office of Technical Services

Effect of Phenylethylbiguanide on Glucose Absorption,
by B. Biro.
GERMAN, per, Klinische Wochenschrift, Vol 39, 1961,
pp 760-762.
NTC-71-10014-060

Nov 71

Specific Structure Elements in Tumor-
Cell Membranes: Their Neuraminic Acid
Content, by B. Bauer-Rubenstroth.
EUROPEAN, per, Klinische Wochenschrift,
Vol 39, 1961, pp 764-765.
NTC-70-12868-06M

Feb 72

On the Mechanism of Diuretic Action of
Furoyllin, by E. Buchborn, S. Anastasakis,
in Edel, 16 pp.

GERMAN, per, E Klin Wschr, Vol XXXIX, No 15,
1961, pp 704-706.

NTI 4-36-62

199,830

Vol - Med

Q

Sum ed

62-16216

Creutzfeldt, Werner; Deuticke, Ursula; and Soling, Hans-Dieter.
 POTENTIATION OF THE EFFECT OF EXOGENOUS INSULIN BY N'-4-METHYLBENZENESULFONYL-N'-BUTYLUREA AND N₁-n-BUTYL-BIGUANIDE IN EVISCERATED ANIMALS (Potenzierung der Wirkung von Exogenem Insulin durch N-(4-Methylbenzolsulfonyl)-N'-Butylcarbamid und N₁,n-Butylbiguanid beim Eviscerierten Tier). [1962] 21p. (figs. omitted) 36 refs.
 Order from SLA \$2.60 62-16216

I. Title: Silubin
 I. Creutzfeldt, W.
 II. Deuticke, U.
 III. Soling, H.-D.

Trans. of Klinische Wochenschrift (Germany) 1961, v. 39, no. 15, p. 790-795.

DESCRIPTORS: Drugs, *Therapy, *Diabetes, Insulin, Blood sugar, Adrenal glands, Secretion, *Orinase, *Guanidines, *Chlorpropamide.

In eviscerated, nephrectomized rats, sulfonylureas (tolbutamide and chlorpropamide) do not decrease the (Biological Sciences--Pharmacology, TT, v. 9, no. 3)
 (over)

Office of Technical Services

Kochakian, Ch. D.
ANABOLIC AND ANDROGENIC ACTIVITY OF
ANDROGENS (Die Anabole und Androgene Aktivität
von Androgenen). [1961] 12p. 38 refs.
Order from SLA \$1.60

62-10338

Trans. of Klin[ische] W[ochen]schr[ift] (Germany)
1961, v. 39, 1 Sep, p. 881-884.

DESCRIPTORS: Metabolism, Proteins, Tissues
(Biology), *Androgens, Reproductive system,
Pharmacology, Steroids.

The anabolic activity of the androgens is expressed by
their activity on a number of tissues other than the
accessory sex organs. The androgen molecule was
modified in order to obtain a steroid which would de-
velop above all an anabolic action on the peripheral
tissues. Therefore the reaction of various tissues has
(Biological Sciences--Pharmacology, TT, v. 7, no. 9)
(over)

62-10338

1. Title: Perandren
2. Title: Metandren
1. Kochakian, C. D.

Office of Technical Services

Hasselblatt, A. and Schmitta, J.
ACTIVATION OF BONDED INSULIN BY TOLBUT-
AMIDE. [196?] Sp. (orig. refs. omitted).
Order from SLA 51. H. 62-16217

Trans. of Klin[ische] W[ochen]schr[ift] (Germany) 1961,
v. 39, no. 17, p. 910-911.

DESCRIPTORS: *Drugs, *Therapy, *Diabetes, Insulin,
*Ornase.

The bonding of insulin to insulin-binding antibodies in
vitro is inhibited by the presence of tolbutamide in the
incubation medium. Insulin already bonded to antibodies
becomes reactivated by tolbutamide. This effect is de-
pendent upon the concentration of the tolbutamide in the
incubation medium. A significant effect is observed with
2 mg tolbutamide/100 ml. The carboxylic acid of the
tolbutamide, which in vivo induces no hypoglycemia,
does not reactivate bonded insulin in vitro. (Author)

62-16217

A. Hasselblatt,
J. Schmitta.

(Biological Sciences - Pharmacology, ET, v. 9, no. 3)
Office of Technical Services

On the Excretion of Bromosulphthalein in the
Bile of Normal Patients and Patients with
Hepatitis, by H. Wernze, H. Schmidt, 3 pp.

GERMAN, per, Klinische Wochenschrift, Vol XXXIX,
1961, pp 924-925.

NIH 1-61-62

186, 422

Sci - Med

Mar 62

62-16123

Werner, M., Hitz, A. and others.
METABOLIC STUDIES WITH AN ANABOLIC AGENT IN
MAN. (Stoffwechseluntersuchungen am Menschen mit
Einem Wirkstoff (Methandrostenolon)). [1962] 26p.
89 refs.

Order from SLA \$2.60

62-16123

Trans. of Klin[ische] W[ochen]chr[ift] (Germany) 1961,
v. 39 [no. 19] p. 998-1006.

DESCRIPTORS: *Drugs, *Metabolism, *Proteins,
*Dianabol, Albumins, Plasma proteins, Bones.

Methandrostenolone distinctly improves the general con-
dition of patients. The protein-anabolic effect can be
proven by a positive nitrogen balance and weight gain.
With methandrostenolone the serum albumin concentra-
tion falls, while the alpha₂ globulin rises. The blood
sugar values of a double glucose load are uninfluenced.
(Biological Sciences--Pharmacology, TT, v. 9, no. 3)
(over)

I. Werner, M.
II. Hitz, A.

Office of Technical Services

TT-63-20628

Werner, M., Hitz, A., Gloor, F., and Thölen, H.
ACTION OF METHANDROSTENOLONE ON THE
HUMAN LIVER (Die Wirkung von Methandrostenolon auf
die menschliche Leber). Jan 62, 22p 74refs
Order from SLA \$2.60 TT-63-20628

Trans. of Klin[ische] W[ochen]sche[r]ft (West Germany)
1961, v. 39 [no. 19] p. 1006-1013. (Abstract available)

DESCRIPTORS: *Diuretic, Drugs, *Liver, *Toxicity,
Blood proteins, *Cholesterol, Cells (Biology),
Degeneration.

The effect of methandrostenolone (in daily doses of 10
mg. p. o) on the liver was examined in adults. There
was found, biochemically, in some of the cases: in-
creased concentration of SGOT, SGPT and serum
cholesterol, increased BSP retention, traces of reduced
albumin with unchanged total serum albumin, normal
concentrations of bilirubin and alkaline phosphatase
(Biological Sciences--Pharmacology, TT, v. 11, no. 3
(over))

I. Werner, M.
II. Hitz, A.
III. Gloor, F.
IV. Thölen, H.

Office of Technical Services

TT-63-20872

Lasch, H. G., Mechelke, K., Nusser, E., and
Daoud, F.

THE INFLUENCE OF FIBRINOLYSIS ON THE COURSE
OF HEMORRHAGIC SHOCK (Der Einfluss der Fibrin-
olyse auf den Verlauf des hämorrhagischen Schocks).
[1963] [18p] (figs omitted) 35refs
Order from SLA \$1.60

TT-63-20872

Trans. of Klinische Wochenschrift (West Germany)
1961, v. 39, no. 21, p. 1137-1141.

I. Lasch, H. G.
II. Mechelke, K.
III. Nusser, E.
IV. Daoud, F.

(Biological Sciences--Pathology, TT, v. 11, no. 12)

Office of Technical Services

Amination of Sugars During Chromatography on
Silica Gel G in an Ammonia-Containing Solvent
System, by H. Weicker.

GERMAN, par, Klinische Wochenschrift, Vol 39,
1961, pp 1265-1266.

NTC-71-12321-07C

NASA TT F 11,289

Nov 71

62-20108

Taubert, M. and Wagner, H. H.
STUDIES ON OBTAINING ANGIOTENSIN II (HYPER-
TENSIN II) (Untersuchungen zur Gewinnung von
Angiotensin II (Hypertensin II)). Aug 62, 9p. 19 refs.
Order from SLA \$1.10 62-20108

Trans. of Klin[ische] W[ochen]schr[ift] (West Germany)
1962, v. 40 [no. 1] p. 54-56.

DESCRIPTORS: *Drugs, Pharmacology, *Hypertensin,
*Blood, Separation, Biochemistry.

The vasopressor substance angiotensin II (hypertensin II) which was found in increased quantity in the organism in certain cases of hypertension can now be prepared synthetically. So far there are no accurate laboratory methods for its quantitative detection in patients' blood. A method to regain angiotensin from the blood in a good yield was developed. The way described continues.
(Biological Sciences--Pharmacology, TT v. 9, no. 9)
(over)

I. Taubert, M.
II. Wagner, H. H.

Office of Technical Services

63-10188

Franken, F. H., Irmischer, K., and Schweinitz,
H. A. v.

STUDIES WITH SU 4885 (METOPIRONE) IN PATIENTS
WITH ASCITES AND EDEMA RESISTANT TO THERAPY
(Studien mit SU 4885 (Metopiron) bei Patienten mit
Therapieresistbarem Ascites und Oedemen). [1962]
14p. 45 refs.

Order from SLA \$1.60

63-10188

Trans. of Klin[ische] W[ochenschrift] (West Germany)
1962, v. 40 [no. 3] p. 137-143.

DESCRIPTORS: *Dexamethasone, Drugs, Diuretics,
*Edema, Therapy, Diseases, Heart, Liver, Excretion,
Urine, Corticosteroid agents, *Chlorothiazide
diuretics, *Prednisone, Aldosterone, Mercury
compounds.

Three patients with therapy-resistant ascites in liver
(Biological Sciences--Pharmacology, TT, v. 10, no. 2)
(over)

I. Title: Metopirone
I. Franken, F. H.
II. Irmischer, K.
III. Schweinitz, H. A. v.

Office of Technical Services

62-18179

Kleinsorge, H. and Gaida, P.
BEHAVIOR OF THE SERUM LEVEL AFTER INTRA-
VENOUS INJECTION OF AJMALINE (Das Verhalten
des Serumspegels nach intravenöser Injektion von
Ajmalin). [1962] 7p. 7 refs.
Order from SLA \$1.10

62-18179

Trans. of Klinische Wochenschrift (Germany)
1962, v. 40 (no. 3) p. 149-151.

DESCRIPTORS: *Drugs, Rauwolfia alkaloids, *Ajmaline,
*Absorption, Blood, Serum, Pharmacology, *Excretion.

By means of a modified method we measured the serum
ajmaline level after i. v. injection in 21 voluntary ex-
perimental persons and after i. m. injection in 12. It
was found that ajmaline disappears very rapidly from
the circulation. On the average after i. v. administra-
tion we found less than 10% after 1 min., about 2.5%
(Biological Sciences--Pharmacology, TT, v. 9, no. 4)(over)

1. Kleinsorge, H.
H. Gaida, P.

Office of Technical Services

70-13441-060
Henschler, D.; Meyer, W.
INHIBITION OF TOXIC PULMONARY EDEMA AND
EDEMA FROM BURNS BY MEANS OF TRIS (HYDROXY-
METHYL) AMINOMETHANE. Klinische Wochenschrift,
v. 40, n. 5, p. 264-266, 1952.
Order from NTC as 70-13441-060: HC \$ 6.70, MF \$ 5.80.

Klaus, D.
STUDIES ON ANGIOTENSINASE IN THE SERUM OF
HEALTHY AND SICK PERSONS (Untersuchungen über
die Angiotensinase im Serum Gesunder und Kranker).
[Oct 63] 4p 7refs

Order from SLA \$1.10

TT-64-10373

Trans. of Klin[ische] W[ochen]schr[ift] (West Germany)
1962, v. 40 [no. 13] p. 701-702.

(Biological Sciences--Pathology, TT, v. 11, no. 12)

TT-64-10373

L. Klaus, D.

Office of Technical Services

63-10928

I. Schröder, R.

Schröder, R.
STUDIES ON THE RELATION BETWEEN ANGIOTEN-
SIN INFUSION AND ALDOSTERONE SECRETION
(Untersuchungen über die Beziehung zwischen Angioten-
sininfusion und Aldosteronsekretion). [1963] 6p. 13 refs.
Order from SLA \$1.10 63-10928

Trans. of Klinische Wochenschrift (West Germany)
1962 [v. 40] 15 July, p. 752-754.

DESCRIPTORS: *Hypertensin, *Parenteral infusions,
Drugs, *Aldosterone, Secretion, Hormones, Adreno-
corticotrophic hormone, Sodium, Excretion,
Potassium.

(Biological Sciences--Pharmacology, TT, v. 10, no. 2)

Office of Technical Services

The Heterogenicity of Leucinaminopeptidase.
Investigation of Organs and Serum in Diseases
of the Liver, Gallbladder and Puncreas, by
B. Schobel, F. Wewalka.

GERMAN, per, Klinische Wochenschrift, Vol XL,
No 20, 1962, pp 1048-1055.

NIH 6-4-63

Sci - Biol/Med Sci

Aug 63

143,550

TT-64-10369

Kemper, F. and Berger, H.
ACTION OF GLUTARIC ACID IMIDES (BEMEGRIDE,
GLUTETHIMIDE) ON THE BLOOD ORGAN OF
CHICKS (Wirkung von Glutarsäureimiden (Bemegridum,
Glutethimid) auf das Blutorgan von Huhnchen). [Sep 63]

3p 2refs

Order from SLA \$1.10

TT-64-10369

Trans. of Klin[ische] W[ochen]schr[ift] (West Germany)
1963, v. 41 [no. 1] p. 43-44.

I. Kemper, F.
II. Berger, H.

(Biological Sciences--Pharmacology, TT, v. 11, no. 12)

Office of Technical Services

Heinen, G., Buchheit, H., and Oertel, G. W.
INVESTIGATIONS WITH THE ADRENOSTATIC Su
4885 (METOPIRON) IN PREGNANCY (Untersuchungen
mit dem Adrenostatikum Su 4885 (Metopiron) in der
Schwangerschaft). [Sep 63] 5p 16refs
Order from SLA \$1.10

TT-64-10370

Trans. of Klin[ische] W[ochen]schr[ift] (West Germany)
1963, v. 41 [no. 2] p. 103-105.

TT-64-10370

I. Heinen, G.
II. Buchheit, H.
III. Oertel, G. W.

(Biological Sciences--Pharmacology, TT, v. 11, no. 12)

Office of Technical Services

Passive Permeability of Cell Membranes On the
Question of the Penetration Through Pores, by
H. Passow, 19 pp.

GERMAN, per, in Klinische Wochenschrift, Vol XLII,
No 9, 1963, pp 130-138.

HHH 7-10-63

Sci - Med. & Mod
Sep 63

344, 319

Article:

Active Transport Through Surface Barrier, by W. Wilbrandt
24 pp.

GERMAN, per Klinische Wochenschrift, Vol XLI, No 3,
1963, pp 136-147.

NIE 7-6-63

Sci - Biol & Med
Sep 63

344,328

English title unknown, by H. Sarre, R. Knorr.
GERMAN, per, Klinische Wochenschrift, 1963,
pp 311-316
Dept of Navy 5224 ONI Tr 2336

Sci/
Aug 67

336,599

Experiments With Heavy Water D₂O on the Speed of
Internal Water Absorption in Healthy Persons and
in Edeema Patients, by R. Heintz, et al.
GERMAN, per, Klinische Wochenschrift, Vol XLI, No 8,
1963, pp 359-366.
NASA TT F-9225

Sci-B/M
Feb 65
U.S. GOVERNMENT ONLY

274,888

Studies About Serum-Angiotensinase. I. Communication: Methods and Biochemical Qualities.

II. Communication: Clinical Results at Hypertension and Liver Diseases, by D. Klaus, H. Kaffarnik, about 17 pp.

GERMAN, Klinische Wochenschrift, Vol. XLI, 1963
Part I - pp 376-380, Part II - pp 380-385.

NIH 8-16-63 (Loan)

SLA 63-20228

Sci - Med & Med
Sep 63

345, 338

Biochemistry of Parkinson's Syndrome in Humans.
The Influence of Monoamineoxidase-Inhibitor
Therapy on Concentration of Dopamine, Nora-
drenaline and 5-Hydroxytryptamine in the Brain,
by H. Bernheimer.

GERMAN, per, Klin Woch, Vol. 41, No. 10, 1963,
pp 465-469

Sci -
Aug 67

335-645

Tricresylphosphate Poisoning, by D.
Nenschuler.

GERMAN, per, Klinische Wochenschrift, Vol. 31,
No. 14, 1963, pp 663-674
GB 238-A.2462

Sci -
Aug 67

335-649

Investigation of Chylomicron Metabolism. I. Report
Intravenous Tests With Radioactively Marked
Chylomicrons in Normal and Hyperlipemic Persons, by
F. A. Gries, G. F. Jung, 10 pp.

GERMAN, per, Klinische Wochenschrift, Vol XLI,
No 13, 1 Jul 1963, pp 628-633.

ACSI I-3492
ID 2246309

Sci - Biol & Med Sci
Dec 63

244,051

TT-64-16854

Karl, H. J.
ADRENOCORTICOTROPIC EFFECT OF A TOTALLY
SYNTHETIC TETRACOSAPEPTIDE- β^{1-24} CORTICO-
TROPIN-IN MAN (Adrenocorticotrope Wirkung Eines
Vollsynthetischen Tetracosapeptids- β^{1-24}
Corticotrophin beim Menschen). 10p 20 refs.
Order from SLA \$1.10 TT-64-16854

L. Karl, H. J.

Trans. of Klin[ische] Wochenschr[ift] (West Germany)
1963, v. 41 [no. 13] p. 633-636.

(Biological Sciences--Physiology, TT, v. 12, no. 5)

Office of Technical Services

Studies of Human Ca-Metabolism With Ca⁴⁷, by
P. Döbering, 26 pp.
GERMAN, per, Klinische Wochenschrift, Vol XLI,
No 14, Jul 1963, pp 681-690. 9222230
AEC-Tr-6331

Sci-Chem
May 64

259,723

Occurrence of 5,7,11,13, - Tetraacetyl-Homadecanoic
Acid in Serum in the Reissman Syndrome, by W. Nahlke.
GERMAN, part, Klinische Wochenschrift, No 51, 1968
PP 703
NZDIA

Sci -
July 1967

363, 50

Kiessling, W. and Huhnstock, K.
ASPERMIA AFTER PERORAL APPLICATION OF
GUANETHIDINE (Aspermatisumus nach Peroralen Gaben
von Guanethidin). [1964] [12p] 34re/s
Order from SLA \$1.60

TT-64-16079

Trans. of Klinische Wochenschrift (West Germany)
1963, v. 41, no. 19, p. 948-952.

(Biological Sciences--Pharmacology, TT, v. 12, no. 4)

TT-64-16079

I. Kiessling, W.
II. Huhnstock, K.

Office of Technical Services

TT-65-12023

Field 6E

Creutzfeldt, W.; Soeling, H. D.; Ketterer, H.
INTRAPANCREATIC ACTIVATION OF PROTEOLYTIC
FERMENTS AND THE ACTION OF TRASYLOL IN EX-
PERIMENTAL PANCREATITIS IN RATS (Intrapankrea-
tische Aktivierung von Proteolytischen Fermenten und
Trasyolwirkung bei der Experimentellen Pankreatitis
der Ratte). 20p. 14 refs.
Order from SLA: \$1.60 us TT-65-12023

Trans. of ~~Klinische Wochenschrift~~ (West Germany)
v41 n20 p1002-6 1963.

I. Creutzfeldt, W.
II. Soeling, H. D.
III. Ketterer, H.

MR 624

Chemical Studies of Lipoids in Nine Cases of
Refsaum Syndrome, by W. Kahlke.
GERMAN, per, Klinische Wochenschrift, Vol. 42,
pp 1011-1016
NZDIA

Sci -
Aug 1967

335-596

Amphibious Ferry and Bridge Vehicle, M2,
by Kloeckner.

GERMAN, per, Kloeckner, Humboldt-Deutz AG.
Werk Mainz, Jan 196k, abt 5 7320, 4 pp.

ERDL Ft Belvoir
T-1260

Soc1 - Engr

155,271

Jun 61.

Amphiba, by L. Berger, J. Michalowski, 78 pp.
POLISH, bk, Klucze Do Oznaczania Kregowcow Polski,
Pt 2, 1963, pp 1-75.
NTIS TT 70-55122

Apr 72

Changes in Water Movements and Bottom Relief
in the Western Sea, by J. Th. Thijssen, 2 pp.

DUIJCH, H. ~~Red Aardrijkskundig Genootschap~~
Tijdschr; Vol 10, No 3, 1950, pp 334, 335.

Assoc Tech Serv
4582783

Sci - Geophysics
May 59
OHN, V I, No 6

86,336

Fulfillment of the 1960 Foreign Trade Plan,
by Tamas Sugar, Istvan Lengyel, 12 pp.

HUNGARIAN, per, Kikeraskedelem, Vol V, No 3,
1961, pp 1-3.

JPRS 9430

EEur - Hungary

158,653

Beon

Jul 61

Who's Who in Yugoslavia (Selected Military Personnel).

SLOVENE, bk, Ko Je Ko u Jugoslaviji, Belgrade, 1957.

ACEN, H-1147

Klar - Yugoslavia

Rich, Mil

Feb 59

80,719

Copenhagen's Gas and Electric Service, 11 pp.

DANISH, rpt, Københavns Kommunalkalender, 1961,
pp 245-257. *9690702*

ACSI I-3542-A
ID 2250284

WBur - Denmark
Econ
Jan 64

248, 292

Copenhagen's Water Supply, 5 pp.

DANISH, rpt, Kobenhavens Kommunalbetænkning, 1961,
pp 262-265.

AC31 I-3542-B
ID 2250284

WEUR - Denmark
Econ.
Jan 64

248, 294

Copenhagen Railroads, *4 pp.*

DANISH, rpt, ²København's Kommunalkalender, 1961,
pp 266-270, 272.

6 *ACSI I-3542-C
ID A250254

Wear - Denmark
Econ
Oct 63

The Carte e Department of Copenhagen Municipality, *App.*

DANISH, rpt, Kopenhagen's Kommunalkalender, 1961,
pp 275, 276.

6 *ACSI I-3542-D
ID 2250284

WEur - Denmark
~~XXXX~~ Soc
Oct 63

Copenhagen Municipality Department of Traffic, *App.*

DANISH, rpt, Kobenhavns Kommunkalender, 1961,
pp 276, 277.

ACSI I-3X542-1
ID 2250254

Wdur - Denmark
Econ, Soc
Oct 53

(DC-6193)

Geographical Institute of the University of
Copenhagen, 11 pp.

DANISH, rpt, Kobenhavens Universitet-Geografisk
Institut-Arbejdsretning 1960, 1961,
pp 2, 7, 8-17.

JPRS 8811

NoBur -- Denmark

Soc

Sep 61

166, 818

Zone Planning, 7 pp.

DANIELH, per, Kobstach-Foreningens Tidsskrift, 1962,
pp 344-346. (Call No ?) EXCERPTS

Army Map Service

WEur - Denmark
Econ
21 Mar 63